

Form PTO-1449

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Group 2700

LIST OF REFERENCES CITED
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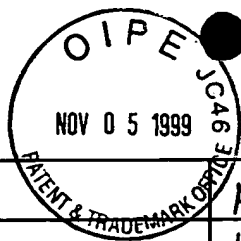
Atty Docket No.: 64246
 Ser. No.: 09/407,446
 Applicant: TERASHIMA et al.
 Filing Date: September 29, 1999
 Group: 2722

U.S. PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Name	Class	Sub- class	Filing Date
<i>YK</i>	US 5,163,089	Nov. 10, 1992	KOTANI et al.	<i>379</i>	<i>100</i>	Jan. 11, 1991
<i>YK</i>	US 5,475,503	Dec. 12, 1995	ALI-SAFI et al.	<i>358</i>	<i>473</i>	Feb. 8, 1994

FOREIGN PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Country	Class	Sub- class	Translation Yes/No
<i>YK</i>	EP 0 587 316 A ✓	March 16, 1994	EUROPE	<i>H04N</i>	<i>1/00</i>	Yes
<i>YK</i>	EP 0 683 449 A ✓	Nov. 22, 1995	EUROPE	<i>G06F</i>	<i>1/10</i>	Yes
<i>YK</i>	EP 0 685 958 A ✓	Dec. 6, 1995	EUROPE	<i>H04N</i>	<i>1/00</i>	Yes
<i>YK</i>	EP 0 650 843 A ✓	May 3, 1995	EUROPE	<i>B415</i>	<i>13/00</i>	Yes
<i>YK</i>	EP 0 548 374 A ✓	June 30, 1993	EUROPE	<i>H04N</i>	<i>1/00</i>	Yes
<i>YK</i>	WO 93/01679 ✓	Jan. 21, 1993	INTERNATIONAL	<i>H04N</i>	<i>1/00</i>	No
<i>YK</i>	JP 5-5464 ✓	Jan. 26, 1993	JAPAN	<i>B415</i>	<i>3/44</i>	No
<i>YK</i>	JP 5-18168 ✓	March 5, 1993	JAPAN	<i>H04N</i>	<i>1/04</i>	No
<i>YK</i>	JP 7-311838 ✓	Nov. 28, 1995	JAPAN	<i>G06T</i>	<i>1/00</i>	No
<i>YK</i>	JP 6-105037 ✓	April 15, 1994	JAPAN	<i>H04N</i>	<i>1/00</i>	No



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JP 1-235465	Sept. 20, 1989	JAPAN	H04N	1/2000	No
JP 1-137660	Sept. 20, 1989	JAPAN	H04N	1/00	No
JP 1-137661	Sept. 20, 1989	JAPAN	H04N	1/00	No
EP 0 548 374 B	June 30, 1993	EUROPE	H04N	1/04	Yes
EP 0 683 449 A	Nov. 22, 1995	EUROPE	G06F	1/16	Yes
EP 0 333 173 A	March 15, 1989	EUROPE	H04N	1/10	Yes
CA 2106253					Yes
CN 1121213 A	April 24, 1996	CHINA	G06F	15/02	No
KR 127274 B	April 29, 1994	KOREA	H04N	1/00	No

OTHER PRIOR ART (Including Author, Title, Date,
Pertinent Pages, Etc.)

Ex- aminer Initial	Author	Date	Title	Textbook in	Translation Yes/No

Jan Cant
Examiner

11/28/02
Date Considered

LIST OF REFERENCES CITED
BY APPLICANT
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Atty Docket No.: 64246
 Ser. No.: 09/407,446
 Applicant: TERASHIMA et al.
 Filing Date: September 29, 1999
 Group: 2722

U.S. PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Name	Class	Sub- class	Filing Date
<u>YK</u>	<u>4,677,253</u>	<u>June 30, 1987</u>	<u>Blomqvist</u>	<u>174</u>	<u>35</u>	<u>March 22, 1985</u>
<u>YK</u>	<u>4,677,495</u>	<u>June 30, 1987</u>	<u>Ito et al.</u>	<u>358</u>	<u>285</u>	<u>Jan. 27, 1986</u>
<u>YK</u>	<u>5,182,450</u>	<u>Jan. 26, 1993</u>	<u>Pan</u>	<u>250</u>	<u>234</u>	<u>Nov. 6, 1991</u>

FOREIGN PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Country	Class	Sub- class	Translation Yes/No
<u>YK</u>	<u>JP 61-251356</u>	<u>Nov. 8, 1986</u>	<u>Japan</u>	<u>H04N</u>	<u>1/00</u>	<u>No</u>
<u>YK</u>	<u>JP 63-42275</u>	<u>Feb. 23, 1988</u>	<u>Japan</u>	<u>H04N</u>	<u>1/00</u>	<u>No</u>
<u>YK</u>	<u>JP 58-127753</u>	<u>Aug. 30, 1983</u>	<u>Japan</u>	<u>H04N</u>	<u>1/04</u>	<u>No</u>
<u>YK</u>	<u>JP 2-226958</u>	<u>Sept. 10, 1990</u>	<u>Japan</u>	<u>H04N</u>	<u>1/12</u>	<u>No</u>
<u>YK</u>	<u>JP 2-22958</u>	<u>Jan. 25, 1990</u>	<u>Japan</u>	<u>H04N</u>	<u>1/04</u>	<u>No</u>
<u>YK</u>	<u>JP 4-117764</u>	<u>Apr. 17, 1992</u>	<u>Japan</u>	<u>H04N</u>	<u>1/12</u>	<u>No</u>
<u>YK</u>	<u>WO 88/01123</u>	<u>Feb. 11, 1988</u>	<u>Japan</u>	<u>H04N</u>	<u>1/04</u>	<u>No</u>



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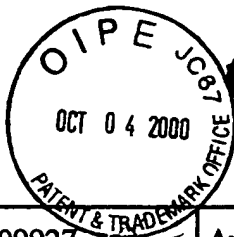
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BY APPLICANT
(Use several sheets if necessary)Atty Docket No.: 64246
Ser. No.: 09/407,446
Applicant: TERASHIMA et al.
Filing Date: September 29, 1999
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U.S. PATENT DOCUMENTS

Ex-aminer Initial	Document No.	Date	Name	Class	Sub- class	Filing Date
Yae	5,579,099	Nov. 26, 1996	Nishiyama et al.	355	308	Jan. 26, 1995
Yae	5,559,609	Sept. 24, 1996	Yamada et al.	358	400	July 15, 1994
Yae	5,651,623	July 29, 1997	Stodder et al.	400	605	Jan. 11, 1998
Yae	5,727,890	Mar. 17, 1998	Stodder et al.	400	624	Sept. 19, 1996
Yae	5,738,454	Apr. 14, 1998	Zepeda et al.	400	625	Oct. 1, 1996

FOREIGN PATENT DOCUMENTS

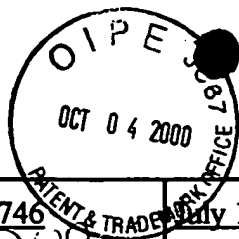
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Yae	JP 10-020595	Jan. 23, 1998	Japan	6036	15/00	No
Yae	JP 10-020595 Abstract	Jan. 23, 1998	Japan	6036	15/00	Yes
Yae	JP 07-209927	Aug. 11, 1995	Japan	6036	15/00	No



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JP 07-209927 Abstract	Aug. 11, 1995	Japan	H04N	1/00	Yes
JP 07-41203	Feb. 10, 1995	Japan	B65H	5/06	No
JP 07-41203 Abstract	Feb. 10, 1995	Japan	B65H	5/06	Yes
JP 07-46367	Feb. 14, 1995	Japan	H04N	1/00	No
JP 07-46367 Abstract	Feb. 14, 1995	Japan	H04N	1/00	Yes
JP 06-62177	March 4, 1994	Japan	H04N	1/04	No
JP 06-62177 Abstract	March 4, 1994	Japan	H04N	1/04	Yes
JP 06-62178	March 4, 1994	Japan	H04N	1/04	Yes
JP 06-62178 Abstract	March 4, 1994	Japan	H04N	1/04	Yes
JP 06-62181	March 4, 1994	Japan	H04N	1/04	No
JP 06-62181 Abstract	March 4, 1994	Japan	H04N	1/04	Yes
JP 06-164834	June 10, 1994	Japan	H04N	1/04	No
JP 06-164834 Abstract	June 10, 1994	Japan	H04N	1/04	Yes
JP 07-181763	July 21, 1995	Japan	G03G	15/00	No
JP 08-51521	Feb. 20, 1996	Japan	H04N	1/04	No
JP 08-51521 Abstract	Feb. 20, 1996	Japan	H04N	1/04	Yes
JP 10-107945	April 24, 1998	Japan	H04N	1/00	No
JP 10-107945 Abstract	April 24, 1998	Japan	H04N	1/00	Yes
JP 58-127753	Aug. 30, 1983	Japan	H04N	1/04	Yes
JP 05-316261	Nov. 26, 1993	Japan	H04N	1/00	Partial
JP 05-316261 Abstract	Nov. 26, 1993	Japan	H04N	1/00	Yes
JP 04-196746	July 16, 1992	Japan	H04N	1/04	Partial



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JP 04-196746 Abstract	Patent & Trade July 16, 1992	Japan	HN	1/04	Yes
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OTHER PRIOR ART (Including Author, Title, Date,
Pertinent Pages, Etc.)

Ex- aminer Initial	Author	Date	Title	Textbook in	Translation Yes/No
HN			Product Information HS 200	OMRON	No

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Patent and Trademark OfficeLIST OF REFERENCES CITED
BY APPLICANT
(Use several sheets if necessary)Atty Docket No.: 64246
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U.S. PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Name	Class	Sub- class	Filing Date
<u>YK</u>	<u>5,038,228</u>	<u>Aug. 6, 1991</u>	<u>Takada</u>	<u>358</u>	<u>498</u>	<u>May 16, 1990</u>
<u>YK</u>	<u>5,567,068</u>	<u>Oct. 22, 1996</u>	<u>Egashira et al.</u>	<u>400</u>	<u>605</u>	<u>June 27, 1995</u>
<u>YK</u>	<u>4,899,228</u>	<u>Feb. 6, 1990</u>	<u>Sano et al.</u>	<u>358</u>	<u>473</u>	<u>June 12, 1987</u>
<u>YK</u>	<u>5,739,923</u>	<u>April 14, 1998</u>	<u>Kawahara</u>	<u>358</u>	<u>473</u>	<u>Nov. 24, 1995</u>

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Ex- aminer Initial	Document No.	Date	Country	Class	Sub- class	Translation Yes/No
<u>YK</u>	<u>JP 09102836</u>	<u>April 15, 1997</u>	<u>Japan</u>	<u>H04N</u>	<u>1/04</u>	<u>Yes</u>
<u>YK</u>	<u>EP 0 548 374 A1</u>	<u>June 30, 1993</u>	<u>Europe</u>	<u>H04N</u>	<u>1/00</u>	<u>No</u>



09/407,446

EP 0 683 449 A2	Nov. 22, 1995	Europe	H04N	1/00	Yes
JP 08149257	June 7, 1996	Japan	H04N	1/04	Yes
EP 0 587 316 A1	March 16, 1994	Europe	H04N	1/00	Yes
JP 09102836	April 15, 1997	Japan	H04N	1/04	Yes
EP 0 650 843 A2	May 3, 1995	Europe	H04N	1/00	Yes

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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Ex- aminer Initial	Author	Date	Title	Textbook in	Translation Yes/No

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LIST OF REFERENCES CITED
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 Ser. No.: 09/407,446
 Applicant: TERASHIMA et al.
 Filing Date: September 29, 1999
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U.S. PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Name	Class	Sub- class	Filing Date
<i>HK</i>	<u>4,667,253</u>	<u>May 19, 1987</u>	<u>Chen</u>	<u>358</u>	<u>293</u>	<u>Nov. 14, 1984</u>

FOREIGN PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Country	Class	Sub- class	Translation Yes/No

OTHER PRIOR ART (Including Author, Title, Date,
Pertinent Pages, Etc.)

Ex- aminer Initial	Author	Date	Title	Textbook in	Translation Yes/No

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Examiner

11/29/03
Date Considered



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LIST OF REFERENCES CITED
BY APPLICANT
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Atty Docket No.: 64246
Ser. No.: 09/407,446
Applicant: TERASHIMA et al.
Filing Date: September 29, 1999
Group: 2626

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U.S. PATENT DOCUMENTS

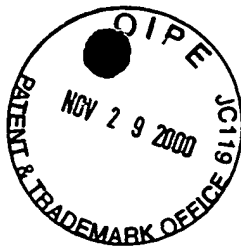
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Ex- aminer Initial	Document No.	Date	Name	Class	Sub- class	Filing Date
<i>JE</i>	U.S. 5,970,217	Oct. 19, 1999	NAKAMURA	295	113	Aug. 30, 1994
<i>JE</i>	U.S. 5,893,006	Apr. 6, 1999	KANNO et al.	399	13	July 30, 1996
<i>JE</i>	U.S. 5,473,352	Dec. 5, 1995	ISHIDA	347	55	June 21, 1994

Tia A. Carter
Carter, Tia A.
Examiner

7-19-04
Date Considered

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LIST OF REFERENCES CITED
BY APPLICANT
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Atty Docket No.: 64246
Ser. No.: 09/407,446
Applicant: TERASHIMA et al.
Filing Date: September 29, 1999
Group: 2722

U.S. PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Name	Class	Sub- class	Filing Date
She	<u>5,412,490</u>	<u>May 2, 1995</u>	<u>Kojima et al.</u>	358	473	<u>July 7, 1992</u>
YAC	<u>5,602,650</u>	<u>Feb. 11, 1997</u>	<u>Tamura et al.</u>	358	400	<u>March 30, 1995</u>
YAC	<u>5,663,811</u>	<u>Sep. 2, 1997</u>	<u>Shimizu</u>	358	473	<u>April 17, 1996</u>
She	<u>4,989,237</u>	<u>Jan. 29, 1991</u>	<u>Kotani et al.</u>	358	434	<u>March 15, 1989</u>
She	<u>5,321,485</u>	<u>June 14, 1994</u>	<u>Nukaya</u>	355	309	<u>April 29, 1993</u>
She	<u>5,711,516</u>	<u>Jan. 27, 1998</u>	<u>Pan</u>	250	234	<u>July 5, 1995</u>
YAC	<u>5,884,117</u>	<u>March 16, 1999</u>	<u>Tanoue et al.</u>	399	1	<u>June 27, 1997</u>
She	<u>5,412,205</u>	<u>May 2, 1995</u>	<u>McVicar et al.</u>	250	234	<u>Nov. 18, 1993</u>
YAC	<u>5,954,326</u>	<u>Sept. 21, 1999</u>	<u>Gaarder et al.</u>	271	9.02	<u>Nov. 14, 1997</u>
YAC	<u>5,644,663</u>	<u>July 1, 1997</u>	<u>Saito et al.</u>	382	313	<u>April 10, 1995</u>

09/407,446

<u>5,166,812</u>	<u>Nov. 24, 1992</u>	<u>Dow et al.</u>	358	496	<u>July 12, 1991</u>
<u>5,559,609</u>	<u>Sept. 24, 1996</u>	<u>Yamada et al.</u>	358	400	<u>July 15, 1994</u>
<u>5,889,597</u>	<u>March 30, 1999</u>	<u>Ara et al.</u>	358	473	<u>June 1, 1995</u>

FOREIGN PATENT DOCUMENTS

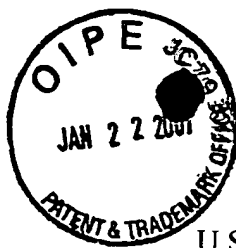
Ex-aminer Initial	Document No.	Date	Country	Class	Sub- class	Translation Yes/No
<u>YAC</u>	<u>JP 61-251356A</u>	<u>Nov. 8, 1986</u>	<u>Japan</u>	<u>H04N</u>	<u>1/04</u>	<u>Partial</u>
<u>YAC</u>	<u>JP 63-42275</u>	<u>Feb. 23, 1988</u>	<u>Japan</u>	<u>H04N</u>	<u>1/04</u>	<u>Partial</u>
<u>YAC</u>	<u>JP 02-226958</u>	<u>Sept. 10, 1990</u>	<u>Japan</u>	<u>H04N</u>	<u>1/12</u>	<u>Partial</u>
<u>YAC</u>	<u>JP 02-22958</u>	<u>Jan. 25, 1990</u>	<u>Japan</u>	<u>H04N</u>	<u>1/04</u>	<u>Partial</u>
<u>YAC</u>	<u>JP 04-117764</u>	<u>April 17, 1992</u>	<u>Japan</u>	<u>H04N</u>	<u>1/12</u>	<u>Partial</u>
<u>YAC</u>	<u>WO88/01123</u>	<u>Feb. 11, 1988</u>	<u>International</u>	<u>H04N</u>	<u>1/04</u>	<u>Partial</u>

OTHER PRIOR ART (Including Author, Title, Date,
Pertinent Pages, Etc.)

Ex-aminer Initial	Author	Date	Title	Textbook in	Translation Yes/No

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Examiner

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Date Considered



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Patent and Trademark OfficeLIST OF REFERENCES CITED
BY APPLICANT
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Applicant: TERASHIMA et al.
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Group: 2722

09/407, 446

U.S. PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Name	Class	Sub- class	Filing Date
YK	4,652,937	March 24, 1987	Shimura et al.	358	284	March 27, 1986

FOREIGN PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Country	Class	Sub- class	Translation Yes/No
YK	JU 63-92457	June 15, 1988	Japan	H04N	1/00	Partial
YK	JP 4-315362A	November 6, 1992	Japan	H04N	1/04	No
YK	JP 4-315362A Abstract	November 6, 1992	Japan	H04N	1/04	Yes
YK	JP 5-185659A	July 27, 1993	Japan	B41J	3/44	No
YK	JP 5-185659A Abstract	July 27, 1993	Japan	B41J	3/44	Yes
YK	JP 62-25556A	February 3, 1987	Japan	H04N	1/04	No
YK	JP 62-25556A Abstract	February 3, 1987	Japan	H04N	1/04	Yes



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FOREIGN PATENT DOCUMENTS, cont.

Ex- aminer Initial	Document No.	Date	Country	Class	Sub- class	Translation
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JHE	JP 62-30461A	February 9, 1987	Japan	H04N	1/10	No
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JHE	JU 62-77953	May 19, 1987	Japan	H04N	1/04	Partial
JHE	JU 62-16758	January 27, 1989	Japan	H04N	1/00	Partial
JHE	JU 2-51453A	April 11, 1990	Japan	H04N	1/00	Partial
JHE	JU 5-18168	March 5, 1993	Japan	H04N	1/04	Partial
JHE	JP 6-103208	April 15, 1994	Japan	G06F	13/00	No
JHE	JP 6-103208 Abstract	April 15, 1994	Japan	H04N	1/00	Yes
JHE	JP 8-298575A	November 12, 1996	Japan	H04N	1/107	No
JHE	JP 8-298575A Abstract	November 12, 1996	Japan	H04N	1/00	Yes

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BY APPLICANT
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Group: 272209/407.446

U.S. PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Name	Class	Sub- class	Filing Date
<u>He</u>	<u>4,652,937</u>	<u>March 24, 1987</u>	<u>Shimura et al.</u>	<u>358</u>	<u>286</u>	<u>March 27, 1986</u>

FOREIGN PATENT DOCUMENTS

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<u>He</u>	<u>JU 63-92457</u>	<u>June 15, 1988</u>	<u>Japan</u>	<u>H04N</u>	<u>1/00</u>	<u>Partial</u>
<u>He</u>	<u>JP 4-315362A</u>	<u>November 6, 1992</u>	<u>Japan</u>	<u>H04N</u>	<u>1/04</u>	<u>No</u>
<u>He</u>	<u>JP 4-315362A</u> <u>Abstract</u> <u>DUP</u>	<u>November 6, 1992</u>	<u>Japan</u>	<u>H04N</u>	<u>1/04</u>	<u>Yes</u>
<u>He</u>	<u>JP 5-185659A</u>	<u>July 27, 1993</u>	<u>Japan</u>	<u>B41J</u>	<u>3/44</u>	<u>No</u>
<u>He</u>	<u>JP 5-185659A</u> <u>Abstract</u> <u>DUP</u>	<u>July 27, 1993</u>	<u>Japan</u>	<u>B41J</u>	<u>3/44</u>	<u>Yes</u>
<u>He</u>	<u>JP 62-25556A</u>	<u>February 3, 1987</u>	<u>Japan</u>	<u>H04N</u>	<u>1/04</u>	<u>No</u>
<u>He</u>	<u>JP 62-25556A</u> <u>Abstract</u> <u>DUP</u>	<u>February 3, 1987</u>	<u>Japan</u>	<u>H04N</u>	<u>1/04</u>	<u>Yes</u>

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FOREIGN PATENT DOCUMENTS, cont.

Ex-aminer Initial Document No. Date Country Class Sub-class Translation

<i>Yue</i>	JP 62-30461A	February 9, 1987	Japan	H04N	1/00	No
<i>Yue</i>	JP 62-30461A Abstract <i>DR</i>	February 9, 1987	Japan	H04N	1/00	Yes
<i>Yue</i>	JU 62-77953	May 19, 1987	Japan	H04N	1/04	Partial
<i>Yue</i>	JU 62-16758	January 27, 1989	Japan	H04N	1/00	Partial
<i>Yue</i>	JU 2-51453A	April 11, 1990	Japan	H04N	1/00	Partial
<i>Yue</i>	JU 5-18168	March 5, 1993	Japan	H04N	1/04	Partial
<i>Yue</i>	JP 6-103208	April 15, 1994	Japan	G06F	13/00	No
<i>Yue</i>	JP 6-103208 Abstract <i>DR</i>	April 15, 1994	Japan	H04N	1/00	Yes
<i>Yue</i>	JP 8-298575A	November 12, 1996	Japan	H04N	1/07	No
<i>Yue</i>	JP 8-298575A Abstract <i>DR</i>	November 12, 1996	Japan	H04N	1/00	Yes

M. Nguyen
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T. Carter

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November 29, 2000

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U.S. Department of Commerce Sheet 1 of 2
Patent and Trademark OfficeLIST OF REFERENCES CITED
BY APPLICANT
(Use several sheets if necessary)Atty Docket No.: 64246
Ser. No.: 09/407,446
Applicant: TERASHIMA et al.
Filing Date: September 29, 1999
Group: 2722

U.S. PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Name	Class	Sub- class	Filing Date
JAC	<u>5,412,490</u>	<u>May 2, 1995</u>	<u>Kojima et al.</u>	358	473	<u>July 7, 1992</u>
JAC	<u>5,602,650</u>	<u>Feb. 11, 1997</u>	<u>Tamura et al.</u>	358	410	<u>March 30, 1995</u>
JAC	<u>5,663,811</u>	<u>Sep. 2, 1997</u>	<u>Shimizu</u>	358	473	<u>April 17, 1996</u>
JAC	<u>4,989,237</u>	<u>Jan. 29, 1991</u>	<u>Kotani et al.</u>	358	434	<u>March 15, 1989</u>
JAC	<u>5,321,485</u>	<u>June 14, 1994</u>	<u>Nukaya</u>	355	309	<u>April 29, 1993</u>
JAC	<u>5,711,516</u>	<u>Jan. 27, 1998</u>	<u>Pan</u>	250	234	<u>July 5, 1995</u>
JAC	<u>5,884,117</u>	<u>March 16, 1999</u>	<u>Tanoue et al.</u>	399	1	<u>June 27, 1997</u>
JAC	<u>5,412,205</u>	<u>May 2, 1995</u>	<u>McVicar et al.</u>	250	234	<u>Nov. 18, 1993</u>
JAC	<u>5,954,326</u>	<u>Sept. 21, 1999</u>	<u>Gaarder et al.</u>	271	9.02	<u>Nov. 14, 1997</u>
JAC	<u>5,644,663</u>	<u>July 1, 1997</u>	<u>Saito et al.</u>	382	313	<u>April 10, 1995</u>

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<u>He</u>	<u>5,166,812</u>	<u>Nov. 24, 1992</u>	<u>Dow et al.</u>	<u>358</u>	<u>494</u>	<u>July 12, 1991</u>
<u>He</u>	<u>5,559,609</u>	<u>Sept. 24, 1996</u>	<u>Yamada et al.</u>	<u>358</u>	<u>400</u>	<u>July 15, 1994</u>
<u>He</u>	<u>5,889,597</u>	<u>March 30, 1999</u>	<u>Ara et al.</u>	<u>358</u>	<u>473</u>	<u>June 1, 1995</u>

FOREIGN PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Country	Class	Sub- class	Translation Yes/No
	<u>JP 61-251356A</u>	<u>Nov. 8, 1986</u>	<u>Japan</u>	<u>H04N</u>	<u>1/04</u>	<u>Partial</u>
	<u>JP 63-42275</u>	<u>Feb. 23, 1988</u>	<u>Japan</u>	<u>H04N</u>	<u>1/04</u>	<u>Partial</u>
	<u>JP 02-226958</u>	<u>Sept. 10, 1990</u>	<u>Japan</u>	<u>H04N</u>	<u>1/12</u>	<u>Partial</u>
	<u>JP 02-22958</u>	<u>Jan. 25, 1990</u>	<u>Japan</u>	<u>H04N</u>	<u>1/04</u>	<u>Partial</u>
	<u>JP 04-117764</u>	<u>April 17, 1992</u>	<u>Japan</u>	<u>H04N</u>	<u>1/12</u>	<u>Partial</u>
	<u>WO88/01123</u>	<u>Feb. 11, 1988</u>	<u>International</u>	<u>H04N</u>	<u>1/04</u>	<u>Partial</u>

OTHER PRIOR ART (Including Author, Title, Date,
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Ex- aminer Initial	Author	Date	Title	Textbook in	Translation Yes/No

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October 24, 2000

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U.S. Department of Commerce Sheet 1 of 1
Patent and Trademark OfficeLIST OF REFERENCES CITED
BY APPLICANT
(Use several sheets if necessary)Atty Docket No.: 64246
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U.S. PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Name	Class	Sub- class	Filing Date
<i>HK</i>	<u>4,667,253</u>	<u>May 19, 1987</u>	<u>Chen</u>	<u>358</u>	<u>293</u>	<u>Nov. 14, 1984</u>

FOREIGN PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Country	Class	Sub- class	Translation Yes/No

OTHER PRIOR ART (Including Author, Title, Date,
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U.S. PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Name	Class	Sub- class	Filing Date
<u>He</u>	<u>5,038,228</u>	<u>Aug. 6, 1991</u>	<u>Takada</u>	<u>358</u>	<u>498</u>	<u>May 16, 1990</u>
<u>He</u>	<u>5,567,068</u>	<u>Oct. 22, 1996</u>	<u>Egashira et al.</u>	<u>358</u>	<u>625</u>	<u>June 27, 1995</u>
<u>He</u>	<u>4,899,228</u>	<u>Feb. 6, 1990</u>	<u>Sano et al.</u>	<u>358</u>	<u>473</u>	<u>June 12, 1987</u>
<u>He</u>	<u>5,739,923</u>	<u>April 14, 1998</u>	<u>Kawahara</u>	<u>358</u>	<u>473</u>	<u>Nov. 24, 1995</u>

FOREIGN PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Country	Class	Sub- class	Translation Yes/No
<u>He</u>	<u>JP 09102836</u>	<u>April 15, 1997</u>	<u>Japan</u>	<u>H04N</u>	<u>1/04</u>	<u>Yes</u>
<u>He</u>	<u>EP 0 548 374 A1</u>	<u>June 30, 1993</u>	<u>Europe</u>	<u>H04N</u>	<u>1/00</u>	<u>No</u>

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AK	EP 0 683 449 A2	Nov. 22, 1995	Europe	1404N	1/80	Yes
AK	JP 08149257	June 7, 1996	Japan	1404N	1/84	Yes
AK	EP 0 587 316 A1	March 16, 1994	Europe	1404N	1/88	Yes
AK	JP 09102836	April 15, 1997	Japan	1404N	1/84	Yes
AK	EP 0 650 843 A2	May 3, 1995	Europe	1404N	1/80	Yes

OTHER PRIOR ART (Including Author, Title, Date,
Pertinent Pages, Etc.)

Ex- aminer Initial	Author	Date	Title	Textbook in	Translation Yes/No
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John C. Curb
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October 4, 2000

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U.S. Department of Commerce Sheet 1 of 3
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U.S. PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Name	Class	Sub- class	Filing Date
YAC	5,579,099	Nov. 26, 1996	Nishiyama et al.	355	308	Jan. 26, 1995
YAC	5,559,609	Sept. 24, 1996	Yamada et al.	358	400	July 15, 1994
YAC	5,651,623	July 29, 1997	Stodder et al.	400	605	Jan. 11, 1998
YAC	5,727,890	Mar. 17, 1998	Stodder et al.	400	624	Sept. 19, 1996
YAC	5,738,454	Apr. 14, 1998	Zepeda et al.	400	625	Oct. 1, 1996

FOREIGN PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Country	Class	Sub- class	Translation Yes/No
YAC	JP 10-020595	Jan. 23, 1998	Japan	6036	15/00	No
YAC	JP 10-020595 Abstract	Jan. 23, 1998	Japan	6036	15/00	Yes
YAC	JP 07-209927	Aug. 11, 1995	Japan	6036	15/00	No

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YK	JP 07-209927 Abstract	Aug. 11, 1995	Japan	H04N	1/00	Yes
YK	JP 07-41203	Feb. 10, 1995	Japan	B65H	5/06	No
YK	JP 07-41203 Abstract	Feb. 10, 1995	Japan	B65H	5/06	Yes
YK	JP 07-46367	Feb. 14, 1995	Japan	H04N	1/08	No
YK	JP 07-46367 Abstract	Feb. 14, 1995	Japan	H04N	1/08	Yes
YK	JP 06-62177	March 4, 1994	Japan	H04N	1/04	No
YK	JP 06-62177 Abstract	March 4, 1994	Japan	H04N	1/04	Yes
YK	JP 06-62178	March 4, 1994	Japan	H04N	1/04	Yes
YK	JP 06-62178 Abstract	March 4, 1994	Japan	H04N	1/04	Yes
YK	JP 06-62181	March 4, 1994	Japan	H04N	1/04	No
YK	JP 06-62181 Abstract	March 4, 1994	Japan	H04N	1/04	Yes
YK	JP 06-164834	June 10, 1994	Japan	H04N	1/04	No
YK	JP 06-164834 Abstract	June 10, 1994	Japan	H04N	1/04	Yes
YK	JP 07-181763	July 21, 1995	Japan	G03G	15/00	No
YK	JP 08-51521	Feb. 20, 1996	Japan	H04N	1/04	No
YK	JP 08-51521 Abstract	Feb. 20, 1996	Japan	H04N	1/04	Yes
YK	JP 10-107945	April 24, 1998	Japan	H04N	1/00	No
YK	JP 10-107945 Abstract	April 24, 1998	Japan	H04N	1/00	Yes
YK	JP 58-127753	Aug. 30, 1983	Japan	H04N	1/04	Yes
YK	JP 05-316261	Nov. 26, 1993	Japan	H04N	1/00	Partial
YK	JP 05-316261 Abstract	Nov. 26, 1993	Japan	H04N	1/00	Yes
YK	JP 04-196746	July 16, 1992	Japan	H04N	1/04	Partial

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<u>JP 04-196746</u> <u>Abstract</u> <u>DUP</u>	<u>July 16, 1992</u>	<u>Japan</u>	<u>H04N</u>	<u>1/04</u>	<u>Yes</u>
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OTHER PRIOR ART (Including Author, Title, Date,
Pertinent Pages, Etc.)

Ex- aminer Initial	Author	Date	Title	Textbook in	Translation Yes/No
<u>gk</u>			<u>Product Information</u> <u>HS 200</u>	<u>OMRON</u>	<u>No</u>

M. Nguyen
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BY APPLICANT
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Ser. No.: 09/407,446
Applicant: TERASHIMA et al
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Group: 2722

U.S. PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Name	Class	Sub- class	Filing Date
<u>YHC</u>	<u>4,677,253</u>	<u>June 30, 1987</u>	<u>Blomqvist</u>	<u>274</u>	<u>35</u>	<u>March 22, 1985</u>
<u>YHC</u>	<u>4,677,495</u>	<u>June 30, 1987</u>	<u>Ito et al.</u>	<u>358</u>	<u>498</u>	<u>Jan. 27, 1986</u>
<u>YHC</u>	<u>5,182,450</u>	<u>Jan. 26, 1993</u>	<u>Pan</u>	<u>250</u>	<u>234</u>	<u>Nov. 6, 1991</u>

FOREIGN PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Country	Class	Sub- class	Translation Yes/No
<u>YHC</u>	<u>JP 61-251356</u>	<u>Nov. 8, 1986</u>	<u>Japan</u>	<u>—</u>	<u>—</u>	<u>No</u>
<u>YHC</u>	<u>JP 63-42275</u>	<u>Feb. 23, 1988</u>	<u>Japan</u>	<u>—</u>	<u>—</u>	<u>No</u>
<u>YHC</u>	<u>JP 58-127753</u>	<u>Aug. 30, 1983</u>	<u>Japan</u>	<u>—</u>	<u>—</u>	<u>No</u>
<u>YHC</u>	<u>JP 2-226958</u>	<u>Sept. 10, 1990</u>	<u>Japan</u>	<u>—</u>	<u>—</u>	<u>No</u>
<u>YHC</u>	<u>JP 2-22958</u>	<u>Jan. 25, 1990</u>	<u>Japan</u>	<u>—</u>	<u>—</u>	<u>No</u>
<u>YHC</u>	<u>JP 4-117764</u>	<u>Apr. 17, 1992</u>	<u>Japan</u>	<u>—</u>	<u>—</u>	<u>No</u>
<u>YHC</u>	<u>WO 88/01123</u>	<u>Feb. 11, 1988</u>	<u>Japan</u>	<u>—</u>	<u>—</u>	<u>No</u>

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OTHER PRIOR ART (Including Author, Title, Date,
Pertinent Pages, Etc.)

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Ex- aminer Initial	Author	Date	Title	Textbook in	Translation Yes/No
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<u>Yes</u>	<u>Logitech Inc.</u>	<u>1993</u>	<u>ScanMan Power Page</u>	<u>Logitech</u>	<u>Yes</u>
<u>Yes</u>	<u>Logitech Inc.</u>	<u>1995</u>	<u>PageScan Color</u>	<u>Logitech</u>	<u>Yes</u>

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U.S. PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Name	Class	Sub- class	Filing Date
<i>YLR</i>	US 5,163,089	Nov. 10, 1992	KOTANI et al.	<i>379</i>	<i>100</i>	Jan. 11, 1991
<i>YLR</i>	US 5,475,503	Dec. 12, 1995	ALI-SAFARI et al.	<i>358</i>	<i>473</i>	Feb. 8, 1994

FOREIGN PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Country	Class	Sub- class	Translation Yes/No
<i>YLR</i>	EP 0 587 316 A	March 16, 1994	EUROPE	<i>H04N</i>	<i>1/00</i>	Yes
<i>YLR</i>	EP 0 683 449 A	Nov. 22, 1995	EUROPE	<i>G06F</i>	<i>1/10</i>	Yes
<i>YLR</i>	EP 0 685 958 A	Dec. 6, 1995	EUROPE	<i>H04N</i>	<i>1/06</i>	Yes
<i>YLR</i>	EP 0 650 843 A	May 3, 1995	EUROPE	<i>B415</i>	<i>13/00</i>	Yes
<i>YLR</i>	EP 0 548 374 A	June 30, 1993	EUROPE	<i>H04N</i>	<i>1/00</i>	Yes
<i>YLR</i>	WO 93/01679	Jan. 21, 1993	INTERNATIONAL	<i>H04N</i>	<i>1/00</i>	No
<i>YLR</i>	JP 5-5464	Jan. 26, 1993	JAPAN	<i>B415</i>	<i>3/44</i>	No
<i>YLR</i>	JP 5-18168	March 5, 1993	JAPAN	<i>H04N</i>	<i>1/04</i>	No
<i>YLR</i>	JP 7-311838	Nov. 28, 1995	JAPAN	<i>G06T</i>	<i>1/00</i>	No
<i>YLR</i>	JP 6-105037	April 15, 1994	JAPAN	<i>H04N</i>	<i>1/00</i>	No

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JP 1-235465	Sept. 20, 1989	JAPAN	H04N	1/00	No
JP 1-137660	Sept. 20, 1989	JAPAN	H04N	1/00	No
JP 1-137661	Sept. 20, 1989	JAPAN	H04N	1/00	No
EP 0 548 374 B	June 30, 1993	EUROPE	H04N	1/04	Yes
EP 0 683 449 A	Nov. 22, 1995 -	EUROPE	G06F	1/10	Yes
EP 0 333 173 A	March 15, 1989	EUROPE	H04N	1/10	Yes
CA 2106253	03/1994	MAX			Yes
CN 1121213 A	April 24, 1996	CHINA	G06F	15/02	No
KR 127274 B	April 29, 1994	KOREA	H04N	1/00	No

OTHER PRIOR ART (Including Author, Title, Date,
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Ex- aminer Initial	Author	Date	Title	Textbook in	Translation Yes/No

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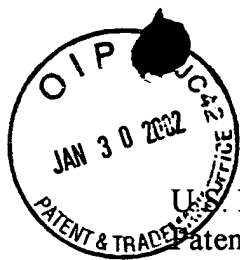
Atty Docket No.: 64246
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FOREIGN PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Country	Class	Sub- class	Translation Yes/No
<i>He</i>	JP 5-18168 ✓	Mar. 5, 1993	Japan	H04N	1/04	No, except for abstract
<i>He</i>	JP 4-239452 ✓	Aug. 27, 1992	Japan	B65D	43/24	No, except for abstract
<i>He</i>	JP 8-223362 ✓	Aug. 30, 1996	Japan	H04N	1/04	No, except for abstract
<i>He</i>	JP 7-154530 ✓	Jun. 16, 1995	Japan	H04N	1/00	No, except for abstract
<i>He</i>	JP 56-126852 ✓	Oct. 5, 1981	Japan	G06F	15/00	No, except for abstract
<i>He</i>	JP 8-99728 ✓	Apr. 16, 1996	Japan	B65H	1/04	No, except for abstract
<i>He</i>	JP 2-100457 ✓	Apr. 12, 1990	Japan	H04N	1/04	No, except for abstract
<i>He</i>	JP 3-3030 ✓	Jan. 9, 1991	Japan	G06F	3/12	No, except for abstract
<i>He</i>	JP 4-314256 ✓	Nov. 5, 1992	Japan	H04N	1/04	No, except for abstract
<i>He</i>	JP 4-298159 ✓	Oct. 21, 1992	<u>Japan</u>	H04N	1/12	No, except for abstract

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FOREIGN PATENT DOCUMENTS

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<u>YAC</u>	<u>JP 08-143189</u>	<u>Jun. 4, 1996</u>	<u>Japan</u>	<u>B65H</u>	<u>11/00</u>	<u>Partial</u>
<u>YAC</u>	<u>JP 07-46368</u>	<u>Feb. 14, 1995</u>	<u>Japan</u>	<u>H04N</u>	<u>1/00</u>	<u>Partial</u>
<u>YAC</u>	<u>JP 08-133531</u>	<u>May 28, 1996</u>	<u>Japan</u>	<u>B65H</u>	<u>11/00</u>	<u>Partial</u>
<u>YAC</u>	<u>JP 63-197682</u> ✓	<u>Aug. 16, 1988</u>	<u>Japan</u>	<u>B41S</u>	<u>29/00</u>	<u>Partial</u>
<u>YAC</u>	<u>JP 08-198480</u> ✓	<u>Aug. 6, 1996</u>	<u>Japan</u>	<u>B65H</u>	<u>11/00</u>	<u>Partial</u>

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FOREIGN PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Country	Class	Sub- class	Translation Yes/No
<i>YH</i>	<u>JP 3-95029</u>	<u>Apr. 19, 1991</u>	<u>Japan</u>	<u>B65H</u>	<u>1/04</u>	<u>No except for Abstract</u>
<i>YH</i>	<u>JP 6-164834</u>	<u>Jun. 10, 1994</u>	<u>Japan</u>	<u>H04N</u>	<u>1/04</u>	<u>No except for Abstract</u>
<i>YH</i>	<u>JP 7-250222</u>	<u>Sep. 26, 1995</u>	<u>Japan</u>	<u>H04N</u>	<u>1/07</u>	<u>No except for abstract</u>

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U.S. PATENT DOCUMENTS

Ex. Initial	Document No.	Date	Name	Filing Date
<i>He</i>	4,607,253	19/May/87	Chen	14/Nov/84
<i>He</i>	5,274,477	28/Dec/93	MORI et al.	8/Jun/92
<i>He</i>	5,359,435	25/Oct/94	HAYASHI et al.	25/Oct/94
<i>He</i>	5,579,129	26/Nov/96	IWATA et al.	8/Dec/94
<i>He</i>	5,710,634	20/Jan/98	KURIYAMA et al.	20/Jan/98
<i>He</i>	5,731,885	24/Mar/98	NAGAHARA	4/Aug/97
<i>He</i>	5,896,206	20/Apr/99	KELLOGG	13/Sep/96
<i>He</i>	6,064,498	16/May/00	TANIGUCHI et al.	10/Nov/97

FOREIGN PATENT DOCUMENTS

Ex. Initial	Document No.	Corres. to U.S.	Date	Name	Country	Eng. Abst.	Eng. Trans.
<i>He</i>	JP 64-16758		27/Jan/89		Japan	Yes	No

He Cat
Examiner M. Nguyen

11/25/03
Date Considered

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U.S. Department of Commerce Sheet 1 of 1
Patent and Trademark OfficeLIST OF REFERENCES CITED
BY APPLICANT
(Use several sheets if necessary)Atty Docket No.: 64246
Ser. No.: 09/407,446
Applicant: TERASHIMA et al
Filing Date: September 29, 1999
Group: 2622

FOREIGN PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Country	Class	Sub- class	Translation Yes/No
<i>SK</i>	JP-A 08-163288	June 21, 1996	Japan	1104 N	1/00	Yes


Examiner11/25/0
Date Considered